



Specification

Title of Invention

I George Aloysius Culbert, III, have invented a new design for an automobile/vehicle tire rim cover as set forth in the following specification. The claimed rim cover is to be placed over the automobile/vehicle tire rim.

Applicant: George Aloysius Culbert, III

553 SE 42 Street

Keystone Heights, Florida 32656

United States of America

Figure 1 Three dimensional drawing of rim cover showing outer surface.

Figure 2 Dimensional drawing of rim cover: side view.

Figure 3 Dimensional drawing of rim cover: top view.

Figure 4 Drawing depicting intended use of rim cover.

Figure 5 Detail drawing of rim cover handle to show textured surface for grip.

Figure 6 Cut away drawing of rim cover to show interior surface and thickness of unit.

Figure 7 Drawing of rim cover naming each section.

Note: Pertaining to Figure 2. The diameter of the outer circumference of the plate will be produced in various sizes to accommodate the varying sizes of automobile/vehicle tire rims.

Pertaining to Figure 6. The rim cover is made of molded plastic 1/16" in thickness.

Background Of The Invention

The rim cover was designed to be used when detailing an automobile/vehicle tire. When spraying a protectant chemical on a tire, excessive spray and mist also get on the surface of the tire rim. This residue quickly collects dirt and dust. When placed over the rim, the rim cover impedes the excessive spray and mist from settling on the rim. The effect of the rim cover is that the rim stays cleaner longer and time/work is reduced by not having to wipe the protectant off the rim.

Brief Description Of The Several Views Of The Drawing

The rim cover consists of three sections. These three sections will make up a single unit of molded plastic 1/16" of an inch in thickness. Each unit is a complete product ready to be used as produced. Below is listed the name of each section and a description along with purpose of the design.

1. Handle (figure 5 & 6): The shape of the handle is that of an inverted pot. The outer surface is textured for grip. The inside is hollow to accommodate rims that have a protruding hub design.
2. Plate (figure 6 & 7): An inverted pie plate shape. The outer circumference of the plate will be produced in various sizes to accommodate the variety of different diameter tire rims. The diameter of the plate will also take into consideration the protrusion of balance weights attached to the rim. The inverted pie plate shape is intended to allow for ample space over the rim. The angled edge of the plate is to allow for a more shallow angle of attack when spraying around the rim cover.
3. Girdle (figure 6 & 7): The girdle is a 3/8" wide band that follows the outer circumference of the plate. Its purpose is to completely enclose the rim to maximize protection.

Cross-Reference To Related Applications – N/A

Statement Regarding Federally Sponsored Research or Development – N/A

Reference To Sequence Listing – A table or computer program listing compact disc appendix – N/A

Brief Summary Of The Invention

The rim cover as the name suggests is meant to cover the outer surface of the automobile/vehicle tire rim. When chemical protectants are being applied to the automobile tire, the rim cover impedes excess spray and spray mist from coming into contact with the rim.

Detailed Description Of The Invention

The rim cover is an invention designed to be utilized when applying chemical protectants to an automobile tire. It is made of molded plastic 1/16" in thickness. When being used, it is placed over the tire rim just prior to the protectant being applied. Protectant is applied to the tire in the last phase of automobile detailing usually by some form or spraying. This is done just after the automobile has been washed, dried, waxed and buffed. This is because it would be rinsed off during the washing process. If applied before buffing off the wax, wax dust would adhere to the protectant as it becomes sticky during the drying process. As the protectant is used last, excessive spray and spray mist inadvertently gets on the clean rim. If left on the rim, dust and dirt quickly collect on the drying, sticky protectant. The only alternative is to take the time to once again clean the rim. By placing the rim cover over the rim, the rim is protected by impeding the excessive spray from settling on the rim. Thus, the rim cover eliminates an extra phase in the detailing process. This saves the user both time and extra work.